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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known	
Application No.	Unassigned
Filing Date	Herewith
First Named Inventor	Joseph Rubinfeld
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket No.	12636-330.301

Sheet 1 **Of** 1

OTHER PRIOR ART – NON PATENT RELATED DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher city and/or country where published	T[2]
		KOZAR, K., et al., Interleukin 12-Based Immunotherapy Improves The Antitumor Effectiveness of a Low-Dose 5-Aza-2'-Deoxycitidine Treatment in L1210 Leukemia And B16F10 Melanoma Models in Mice, *Clinical Cancer Research*, (2003) Vol 9, pages 3124-3133.	

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				Application No.	Unassigned
				Filing Date	Herewith
				First Named Inventor	Joseph Rubinfeld
				Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	1	**Of**	1	**Attorney Docket No.**	12636-330.301

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		ANZAI, et al., Synergistic Cytotoxicity with 2'-Deoxy-5-Azacytidine and Topotecan in Vitro and in Vivo, *Cancer Res.* (1992) Vol. 52, No. 8; Abstract.	
		COLOMBO et al., Antagonism of 5-aza-2'-Deoxycytidine Antileukemic Activity by Concomitant Treatment with Cytarabine, *Cancer Treatment Rep.*(1986) Vol. 70, No. 12; Abstract.	
		DORE, et al., Effects of 5-Aza-2'-Deoxycytidine and Interferon-Alpha on Differentiation and Oncogene Expression in HL-60 myeloid Leukemic Cells, *Anticancer Drugs*, (1992) Vol. 3, No. 3; Abstract.	
		KRITZ, et al.; Pilot Study of 5-Azacytidine (5-AZA) and Carboplatin (CBDCA) in Patients with Relapsed/Refractory Leukemia, *Am. J. Hematol* (1996a) Vol. 5, No. 2; Abstract.	
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		PLUMB, et al., *Cancer Research* , (2000) Vol. 60 (1), pages 6039-6044..	
		SCHWARTSMANN, et al., *Investigational New Drugs* (2000) Vol. 18 (1), pages 83-91.	
		SCHWARTSMANN, et al.; Decitabine (5-Aza-2'-Deoxycytidine; DAC) Plus Daunorubicin as a First Line Treatment in Patients with Acute Myeloid Leukemia: Preliminary Observations, *Leukemia*, (1997) Vol. 11, Suppl. 1; Abstract.	
		WILLEMZE, et al., A Randomized Phase II Study on the Effects of 5-Aza-2'-Deoxycytidine Combined with Either Amsacrine or Idarubicin in Patients with Relapsed Acute Leukemia; an EORTC Leukemia Cooperative Group Phase II Study; *Leukemia* (1997) Vol. 11, Suppl. 1; Abstract.	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known	
Application No.	10/686,047
Filing Date	October 14, 2003
First Named Inventor	Rubinfeld et al.
Art Unit	1645
Examiner Name	Unknown
Attorney Docket No.	12636-330.301

Sheet	1	Of	2

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		Kantarjian et al, Decitabine Studies in Chronic and Acute Myelogenous Leukemia, *Leukemia,* Vol. 11, Supp. 1, pp. S35-S36, 1997.	
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		Wijermans et al., DNA Demethylating Therapy in MDS: The Experience with 5-AZA-2'-Deosycytidine (Decitabine), *Blood: The Journal of The American Society of Hematology*, Vol. 94, No. 10, Supp. 1, pp. 306a, 1999.	

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First Named Inventor	Rubinfeld et al.
Art Unit	1645
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Attorney Docket No.	12636-330.301

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		Wijermans et al., Low-Dose 5-AZA-2'-Deoxycytidine, a DNA Hypomethylating Agent, for the Treatment of High-Risk Myelodysplastic Syndrome: A Multicenter Phase II Study in Elderly Patients, *Journal of Clinical Oncology*, Vol. 18, No. 5, pp. 956-962, 2000.	
		Zagonel et al., 5-AZA-2'-Deoxycytidine (Decitabine) Induces Trilineage Response in Unfavourable Myelodysplastic Syndromes, *Leukemia*, Vol. 7, Supp. 1, pp. 30-35, 1993.	

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Application No.	10/686,047
Filing Date	10/14/2003
First Named Inventor	Rubinfeld
Art Unit	1645
Examiner Name	Not yet assigned
Attorney Docket No.	12636.330.301

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No. [1]	Document No. Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No. 1	Foreign Patent Document Country Code[3] – Number[4] – Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
		WO 02/069903	09/12/2002	Biocryst Pharmaceuticals, Inc.		

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				Filing Date	10/14/2003
				First Named Inventor	Rubinfeld
				Art Unit	1645
				Examiner Name	Not yet assigned
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		GOFFIN, J. et al., "DNA methyltransferase inhibitors—state of the art", *Annals of Oncology*, 2002, pages 1699-1716, Vol. 13.	
		SHEIKHNEJAD, G. et al., "Mechanism of inhibition of DNA (cytosine C5)-methyltransferases by oligodeoxyribonucleotides containing 5,6-dihydro-5-azacytosine", *J. Mol. Biol.*, 1999, pages 2021-2034, Vol. 285.	
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EXAMINER SIGNATURE			DATE CONSIDERED 9/18/06

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	4

Complete if Known	
Application Number	10/686,047
Filing Date	10/14/2003
First Named Inventor	Joseph RUBINFELD
Art Unit	1645
Examiner Name	Not yet assigned
Attorney Docket Number	12636-330.301

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Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-2002/0114809 A1	02/21/2001	Rubinfeld, et al.	
		US-2002/0136709 A1	07/31/2001	Zahner, et al.	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*				Application Number	10/686,047
				Filing Date	10/14/2003
				First Named Inventor	Joseph RUBINFELD
				Art Unit	1645
				Examiner Name	Not yet assigned
Sheet	2	of	4	Attorney Docket Number	12636-330.301

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		CS 269077	12/22/1963	Ceskoslovenska akademie ved, (Prag)		
		DE 1922702	05/03/1969	Ceskoslovenska akademie ved, (Prag)		
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		EP 286958	04/06/1988	Merck Pg		
		JP 05219974	02/13/1992	Mitsui Petrochem Ind Ltd		
		JP 2002223753	01/30/2001	Hitachi		
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		PCT/US04/22367 International Search Report	07/20/2005	SuperGen, Inc.		
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		WO 94/26761	05/14/1993	Pro-Neuron, Inc.		
		WO 94/27632	06/01/1993	Nycomed Pharma A/S		
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		WO 99/01118	07/01/1997	Artherogenics, Inc.		
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		WO 02/47611 A2	11/28/2000	Board of Regents of the University of Texas System		
		WO 02/053138 A2	01/02/2001	Shanahan-Prendergast, Elisabeth		

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		WO 02/057425 A2	01/22/2001	Merck & Co., Inc.		
		WO 02/076486 A2	02/05/2001	Innoventus Project AB		
		WO 02/085400 A1	04/24/2001	Supergen, Inc.		
		WO 03/020252 A2	09/05/2001	Oncopharm Corporation		
		WO 03/026574 A2	09/24/2001	AU, Jessie, L. –S.		
		WO 03/046190 A1	11/30/2001	Medigene Aktiengesellschaft		
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		WO 03/092623 A2	05/02/2002	Wyeth Holdings Corporation		
		WO 2004/009023 A2	07/18/2002	University of Utah Research Foundation		

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				Application Number	10/686,047
				Filing Date	10/14/2003
				First Named Inventor	Joseph RUBINFELD
				Art Unit	1645
				Examiner Name	Not yet assigned
Sheet	4	of	4	Attorney Docket Number	12636-330.301

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		VON HOFF, et al., "5-Azacytidine. A New Anticancer Drug With Effectiveness in Acute Myelogenous Leukemia," *Annals of Internal Medicine* (1976) 85(2), pages 237-245	

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Substitute for form 1449/PTO	*Complete if Known*	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*	Application Number	10/686,047
	Filing Date	October 14, 2003
	First Named Inventor	Joseph Rubinfeld
	Art Unit	1642
	Examiner Name	Gary B. Nickol
Sheet 1 of 1	Attorney Docket Number	12636-330.301

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		ATTADIA et al. 5-aza-2'-deoxycytidine as a differentiation inducer in hemopoietic malignancies: preliminary observations on in vivo modulation of leukemia cell phenotype and correlations with clinical response. *Experimental Hematology*. 1988; Vol. 16: 530.	
		BROWN, R. et al. Demethylation of DNA by decitabine in cancer chemotherapy. *Expert Rev Anticancer Ther*. 2004; 4(4): 501-510.	
		GILBERT, J. et al. The Clinical Application of Targeting Cancer through Histone Acetylation and Hypomethylation. *Clinical Cancer Research*. 2004; 10: 4589-4596.	
		HERMAN, J. G. et al. Gene Silencing in Cancer in Association with Promoter Hypermethylation. *The New England Journal of Medicine*. 2003; 349(21): 2042-2054.	
		LEONE, G. et al. DNA methylation and demethylating drugs in myelodysplastic syndromes and secondary leukemias. *Haematologica*. 2002; 87(12): 1324-1341.	
		LEONE, G. et al. Inhibitors of DNA methylation in the treatment of hematological malignancies and MDS. *Clin Immunol*. 2003; 109(1): 89-102.	

Examiner signature		Date Considered	9/18/06

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	Of	4

	Complete if Known
Application Number	10/686,047
Filing Date	October 14, 2003
First Named Inventor	Joseph Rubinfeld
Art Unit	1642
Examiner Name	Laura B. Goddard
Attorney Docket Number	12636-330.301

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-2004/0224919	11/11/2004	Rubinfeld et al.	
		US-6,613,753	09/02/2003	Rubinfeld et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3] – Number[4] – Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

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				Application Number	10/686,047
				Filing Date	October 14, 2003
				First Named Inventor	Joseph Rubinfeld
				Art Unit	1642
				Examiner Name	Laura B. Goddard
Sheet	2	Of	4	Attorney Docket Number	12636-330.301

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[6]
		BOUCHARD, et al. Incorporation of 5-Aza-2'-deoxycytidine-5'-triphosphate into DNA. Interactions with mammalian DNA polymerase alpha and DNA methylase. Mol. Pharmacol. 1983; 24:109-114.	
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				Application Number	10/686,047
				Filing Date	October 14, 2003
				First Named Inventor	Joseph Rubinfeld
				Art Unit	1642
				Examiner Name	Laura B. Goddard
Sheet	3	Of	4	Attorney Docket Number	12636-330.301

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		HERMAN, et al. Inactivation of the CDKN2/p16/MTS1 gene is frequently associated with aberrant DNA methylation in all common human cancers. Cancer Res. 1995;55:4525-4530.	
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				Filing Date	October 14, 2003
				First Named Inventor	Joseph Rubinfeld
				Art Unit	1642
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		OTTAVIANO, et al. Methylation of the estrogen receptor gene CpG island marks loss of estrogen receptor expression in human breast cancer cells. Cancer Res. 1994; 54:2552-2555.	
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